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青海省长刺双蚤一新亚种

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在整理青海省蚤类标本中，发现长刺双蚤 *Amphipsylla longispina* Scalon, 1950 一新亚种，记述如下。

长刺双蚤共和亚种 *Amphipsylla longispina gongheensis* 新亚种

鉴别特征 新亚种♂可动突前缘较直，不动突较细长，阳茎钩突端部似鸟头状；♀第 VII 腹板后缘凹陷较深。而指名亚种♂可动突前缘内凹，不动突较短，阳茎钩突端部圆形；♀第 VII 腹板后缘凹陷较浅。

形态描述 眼小而明显。额鬃 5 支。后头鬃 2 列，为 1—2、2—4 支。下唇须约达前足基节 3/4 处。前胸栉刺共 19—22 支。后胸背板端小刺 1—2 支。各腹节背板 3 列鬃，主鬃列在气门水平以下有 1 支鬃。I—VI 腹节背板端小刺数为 2、2—3、1—2、0—2、0—1、0。

♂(图 1) 可动突近长方形，上缘斜向前上方，前缘较直，后缘中部稍下有一粗长刺形鬃，后上角有 2 支钝刺形鬃，后下角有 1 支锐刺形鬃。不动突细长。第 IX 腹板后臂端部弯曲，有 3 支小刺鬃和 1 支弯鬃。第 VIII 腹板后缘有许多细鬃，亚后缘有 7—9 支长鬃。阳

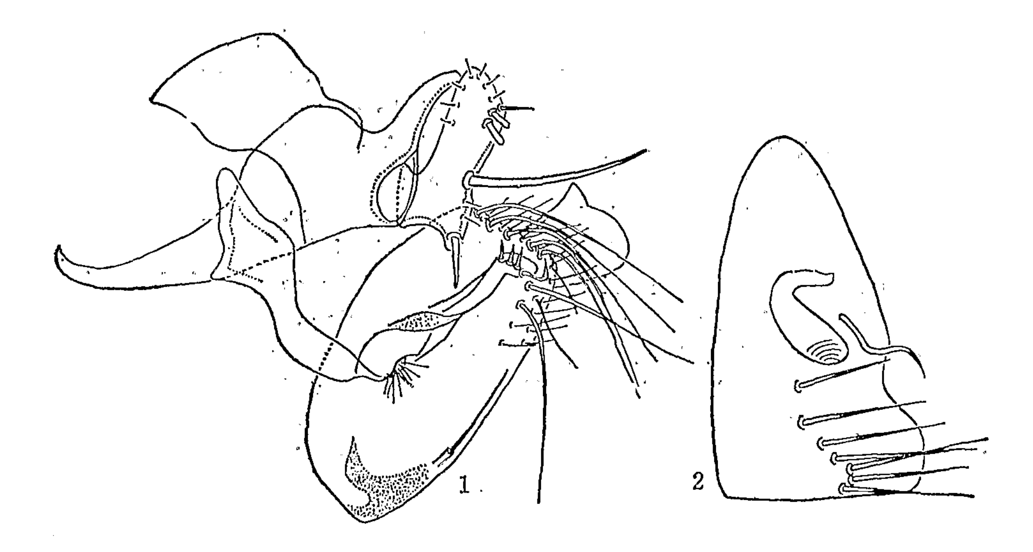


图 1-2 长刺双蚤共和亚种 *Amphipsyll longispina gongheensis* ssp. nov. 变形节
1.♂ 2.♀

本文于 1985 年 2 月收到。

茎钩突端部鸟头状。

♀(图 2) 第 VII 腹板后缘有一圆凹。

标本记录 正模♂, 2.8 毫米; 配模♀, 3.1 毫米; 副模 10♂♂, 2.4—3.0 毫米, 29♀♀, 3.2—3.4 毫米。 1984 年 6 月 5—7 日在青海省海南州共和县沙珠玉, 北纬 36°23′, 东经 100°28′, 采自小毛足鼠 *Phodopus roborovskii* Satunin。 另副模 2♂♂ 3♀♀, 采自三趾跳鼠 *Dipus sagitta* Pallas, 时间与地点同上。标本保存于青海省海南藏族自治州卫生防疫站。

A NEW SUBSPECIES OF *AMPHIPSYLLA LONGISPINA* FROM QINGHAI PROVINCE

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Amphipsylla longispina gongheensis **ssp. nov.**

Diagnosis: The new subspecies differs from *Amphipsylla longispina longispina* on forms: in the male, anterior margin of the movable process is straighter; the immovable process is longer; in shape, the apex of crochet is like bird's head. In the female, a concave of posterior margin of the sternum VII is slightly deeper than that of *A. longispina longispina.*

Descriptions: The eye is small and distinct. The frons bears 5 bristles, the occiput with two row of 1—2 and 2—4 bristles respectively. The labial palp reaches about 3/4 coxa of the anterior leg. Pronotal comb is composed of 19—22 spines on the two sides together. All abdominal terga with 3 rows of bristles. Apical spinelets of the metanotum and abdominal segments I—VI are 1—2, 2, 2—3, 1—2, 0—2, 0—1, 0, on each side. In the male, movable process is nearly rectangular, with a very long spiniform at middle of posterior margin, 2 blunt spiniforms at apical posterior angle and a sharp spiniform at basal posterior one. Apex of distal arm of the sternum IX is curved, with 3 small spiniforms and 1 curved bristle. The sternum VIII bears many slender setae on apical margin and 7—9 much long bristles on sub-apical margin. In the female, posterior margin of the sternum VII with a round sinus.

Records: Holotype male, 2.8 mm long, allotype female, 3.1 mm, and paratypes 10 males, 2.4—3.0 mm and 29 females, 3.2—3.4 mm. Off *Phodopus roborovskii* Satunin, from Gonghe County, 36°23′N, 100°28′E, Qinghai Province, June 5—7, 1984. Paratypes 2 males and 3 females, off *Dipus sagitta* Pallas, same locality and date. All type specimens are deposited in the Health and Anti--epidemic Disease Station of Hainan Zang Autonomous Prefecture, Qinghai Province.